NTC THERMISTOR R-T CHARACTERISTICS

TYPE	RM16-6D502H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	5000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	3930 K	B+TOLERANCE(K)	117.9	B-TOLERANCE(K)	117.9

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.424E+05	1.639E+05	1.885E+05
-39	1.337E+05	1.536E+05	1.763E+05
-38	1.257E+05	1.441E+05	1.650E+05
-37	1.182E+05	1.352E+05	1.545E+05
-36	1.112E+05	1.269E+05	1.447E+05
-35	1.046E+05	1.191E+05	1.356E+05
-34	9.848E+04	1.119E+05	1.271E+05
-33	9.274E+04	1.052E+05	1.192E+05
-32	8.737E+04	9.890E+04	1.118E+05
-31	8.234E+04	9.302E+04	1.050E+05
-30	7.763E+04	8.752E+04	9.858E+04
-29	7.323E+04	8.240E+04	9.263E+04
-28	6.911E+04	7.760E+04	8.707E+04
-27	6.523E+04	7.311E+04	8.186E+04
-26	6.159E+04	6.890E+04	7.700E+04
-25	5.818E+04	6.495E+04	7.245E+04
-24	5.496E+04	6.125E+04	6.819E+04
-23	5.195E+04	5.778E+04	6.420E+04
-22	4.911E+04	5.452E+04	6.047E+04
-21	4.644E+04	5.146E+04	5.697E+04
-20	4.393E+04	4.859E+04	5.369E+04
-19	4.158E+04	4.590E+04	5.063E+04
-18	3.936E+04	4.337E+04	4.775E+04
-17	3.727E+04	4.100E+04	4.505E+04
-16	3.530E+04	3.876E+04	4.252E+04
-15	3.344E+04	3.665E+04	4.014E+04
-14	3.169E+04	3.467E+04	3.790E+04
-13	3.004E+04	3.281E+04	3.580E+04
-12	2.848E+04	3.105E+04	3.383E+04
-11	2.701E+04	2.940E+04	3.197E+04
-10	2.562E+04	2.784E+04	3.022E+04
-9	2.431E+04	2.637E+04	2.858E+04
-8	2.307E+04	2.498E+04	2.703E+04
-7	2.190E+04	2.368E+04	2.557E+04
-6	2.080E+04	2.245E+04	2.420E+04
-5	1.975E+04	2.129E+04	2.292E+04
-4	1.877E+04	2.019E+04	2.170E+04
-3	1.784E+04	1.916E+04	2.056E+04
-2	1.696E+04	1.819E+04	1.949E+04
-1	1.613E+04	1.727E+04	1.848E+04
0	1.535E+04	1.641E+04	1.752E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.535E+04	1.641E+04	1.752E+04
1	1.461E+04	1.559E+04	1.662E+04
2	1.391E+04	1.482E+04	1.578E+04
3	1.324E+04	1.409E+04	1.498E+04
4	1.261E+04	1.340E+04	1.422E+04
5	1.202E+04	1.275E+04	1.351E+04
6	1.145E+04	1.213E+04	1.284E+04
7	1.092E+04	1.155E+04	1.220E+04
8	1.041E+04	1.100E+04	1.160E+04
9	9.934E+03	1.047E+04	1.103E+04
10	9.479E+03	9.979E+03	1.050E+04
11	9.047E+03	9.510E+03	9.988E+03
12	8.637E+03	9.066E+03	9.508E+03
13	8.249E+03	8.646E+03	9.054E+03
14	7.880E+03	8.247E+03	8.624E+03
15	7.529E+03	7.869E+03	8.217E+03
16	7.196E+03	7.511E+03	7.832E+03
17	6.880E+03	7.171E+03	7.467E+03
18	6.580E+03	6.848E+03	7.121E+03
19	6.294E+03	6.542E+03	6.793E+03
20	6.023E+03	6.251E+03	6.482E+03
21	5.764E+03	5.975E+03	6.187E+03
22	5.518E+03	5.712E+03	5.907E+03
23	5.285E+03	5.463E+03	5.642E+03
24	5.062E+03	5.225E+03	5.389E+03
25	4.850E+03	5.000E+03	5.150E+03
26	4.636E+03	4.786E+03	4.936E+03
27	4.432E+03	4.582E+03	4.731E+03
28	4.239E+03	4.387E+03	4.537E+03
29	4.055E+03	4.203E+03	4.351E+03
30	3.880E+03	4.027E+03	4.175E+03
31	3.714E+03	3.859E+03	4.006E+03
32	3.556E+03	3.699E+03	3.845E+03
33	3.405E+03	3.547E+03	3.692E+03
34	3.262E+03	3.402E+03	3.545E+03
35	3.126E+03	3.264E+03	3.405E+03
36	2.996E+03	3.132E+03	3.272E+03
37	2.872E+03	3.006E+03	3.144E+03
38	2.754E+03	2.886E+03	3.022E+03
39	2.641E+03	2.772E+03	2.906E+03
40	2.534E+03	2.662E+03	2.795E+03
41	2.432E+03	2.558E+03	2.688E+03
42	2.334E+03	2.458E+03	2.586E+03
43	2.241E+03	2.363E+03	2.489E+03
44	2.152E+03	2.272E+03	2.396E+03
45	2.067E+03	2.185E+03	2.307E+03
46	1.986E+03	2.101E+03	2.222E+03
47	1.909E+03	2.022E+03	2.140E+03
48	1.835E+03	1.946E+03	2.062E+03
49	1.764E+03	1.873E+03	1.987E+03
50	1.697E+03	1.803E+03	1.915E+03

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B(T1℃/T2℃)	3930 K	B+TOLERANCE(K)	117.9	B-TOLERANCE(K)	117.9

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	1.697E+03	1.803E+03	1.915E+03
51	1.632E+03	1.737E+03	1.847E+03
52	1.570E+03	1.673E+03	1.781E+03
53	1.511E+03	1.612E+03	1.718E+03
54	1.455E+03	1.553E+03	1.657E+03
55	1.401E+03	1.497E+03	1.599E+03
56	1.349E+03	1.444E+03	1.543E+03
57	1.300E+03	1.392E+03	1.490E+03
58	1.252E+03	1.343E+03	1.439E+03
59	1.207E+03	1.296E+03	1.389E+03
60	1.163E+03	1.250E+03	1.342E+03
61	1.122E+03	1.207E+03	1.297E+03
62	1.082E+03	1.165E+03	1.253E+03
63	1.043E+03	1.125E+03	1.211E+03
64	1.006E+03	1.086E+03	1.171E+03
65	9.712E+02	1.049E+03	1.132E+03
66	9.374E+02	1.014E+03	1.095E+03
67	9.049E+02	9.796E+02	1.059E+03
68	8.737E+02	9.468E+02	1.025E+03
69	8.438E+02	9.153E+02	9.919E+02
70	8.150E+02	8.850E+02	9.600E+02
71	7.874E+02	8.558E+02	9.293E+02
72	7.609E+02	8.278E+02	8.998E+02
73	7.354E+02	8.008E+02	8.713E+02
74	7.108E+02	7.749E+02	8.440E+02
75	6.873E+02	7.499E+02	8.176E+02
76	6.646E+02	7.259E+02	7.922E+02
77	6.428E+02	7.028E+02	7.677E+02
78	6.219E+02	6.806E+02	7.441E+02
79	6.017E+02	6.591E+02	7.213E+02
80	5.823E+02	6.385E+02	6.994E+02
81	5.637E+02	6.186E+02	6.783E+02
82	5.457E+02	5.995E+02	6.579E+02
83	5.284E+02	5.810E+02	6.383E+02
84	5.118E+02	5.632E+02	6.193E+02
85	4.958E+02	5.461E+02	6.010E+02
86	4.803E+02	5.296E+02	5.833E+02
87	4.654E+02	5.136E+02	5.663E+02
88	4.511E+02	4.982E+02	5.498E+02
89	4.372E+02	4.834E+02	5.339E+02
90	4.239E+02	4.690E+02	5.185E+02
91	4.110E+02	4.552E+02	5.037E+02
92	3.986E+02	4.419E+02	4.894E+02
93	3.867E+02	4.290E+02	4.755E+02
94	3.751E+02	4.165E+02	4.621E+02
95	3.640E+02	4.045E+02	4.492E+02
96	3.532E+02	3.929E+02	4.367E+02
97	3.428E+02	3.817E+02	4.246E+02
98	3.328E+02	3.708E+02	4.128E+02
99	3.231E+02	3.603E+02	4.015E+02
100	3.137E+02	3.502E+02	3.905E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	3.137E+02	3.502E+02	3.905E+02
101	3.046E+02	3.403E+02	3.799E+02
102	2.959E+02	3.308E+02	3.695E+02
103	2.874E+02	3.216E+02	3.596E+02
104	2.792E+02	3.127E+02	3.499E+02
105	2.713E+02	3.041E+02	3.406E+02
106	2.637E+02	2.958E+02	3.315E+02
107	2.563E+02	2.878E+02	3.228E+02
108	2.492E+02	2.800E+02	3.143E+02
109	2.423E+02	2.724E+02	3.061E+02
110	2.356E+02	2.652E+02	2.982E+02